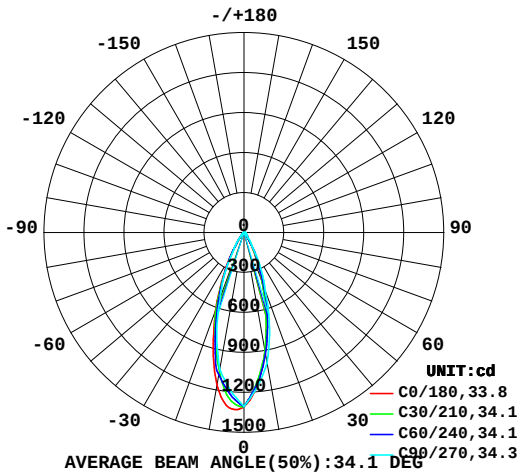
LUMINAIRE PHOTOMETRIC TEST REPORT

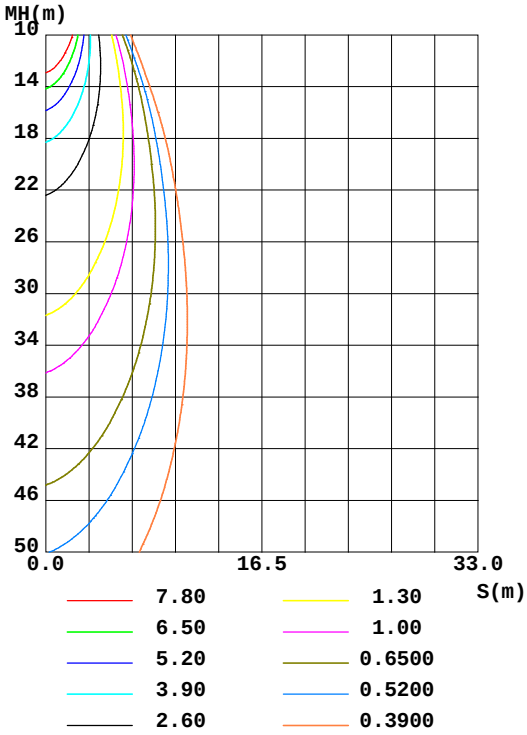
Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.85 lm/W			
MODEL		Imax(cd)	1331	S/MH(C0/180)	0.63
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	85-265V	TOTAL FLUX(lm)	536.78	h UP,DN(C0-180)	0.0,48.0
NOMINAL FLUX(lm)	536.779	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,52.0
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	910.4	907.0	997.8	1039	1164	1077	1046	934.2	0- 10	107.4	107.4	20,20
20	409.7	442.7	475.0	533.5	625.3	572.6	525.1	478.5	10- 20	205.9	313.3	58.4,58.4
30	107.5	124.7	130.9	180.1	210.4	205.3	165.6	147.4	20- 30	140.6	453.9	84.6,84.6
40	27.70	25.07	28.82	32.17	37.05	39.22	39.27	33.80	30- 40	49.23	503.1	93.7,93.7
50	10.35	8.863	10.57	9.643	11.76	9.524	10.15	9.278	40- 50	14.45	517.6	96.4,96.4
60	7.833	6.615	7.933	7.359	8.842	7.370	8.036	7.188	50- 60	7.870	525.4	97.9,97.9
70	5.018	4.333	4.824	4.884	5.663	4.997	5.414	4.930	60- 70	6.084	531.5	99,99
80	2.811	2.468	2.496	2.692	3.196	3.056	3.137	2.996	70- 80	3.938	535.5	99.8,99.8
90	1.739	0	0	0	1.786	0	0	0	80- 90	1.315	536.8	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 512.19 lm

%lum = 95.4%
%lamp = 95.4%

Conical surface Flux(120deg): 525.44 lm

%lum = 97.9%
%lamp = 97.9%

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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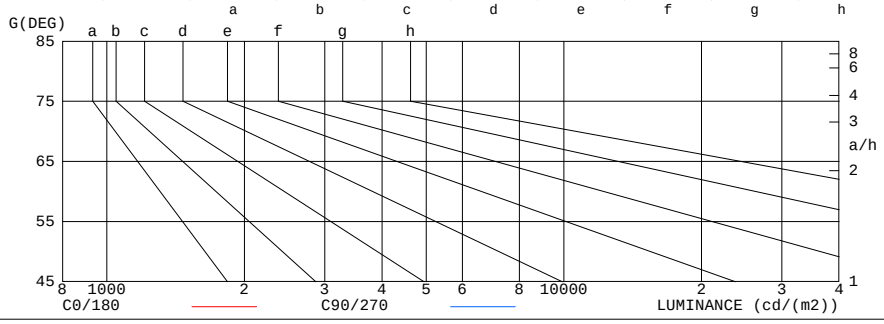
LUMINANCE LIMITATION CURVES

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	220	0
80	162	144
75	146	142
70	147	141
65	152	151
60	157	159
55	160	162
50	161	164
45	176	279

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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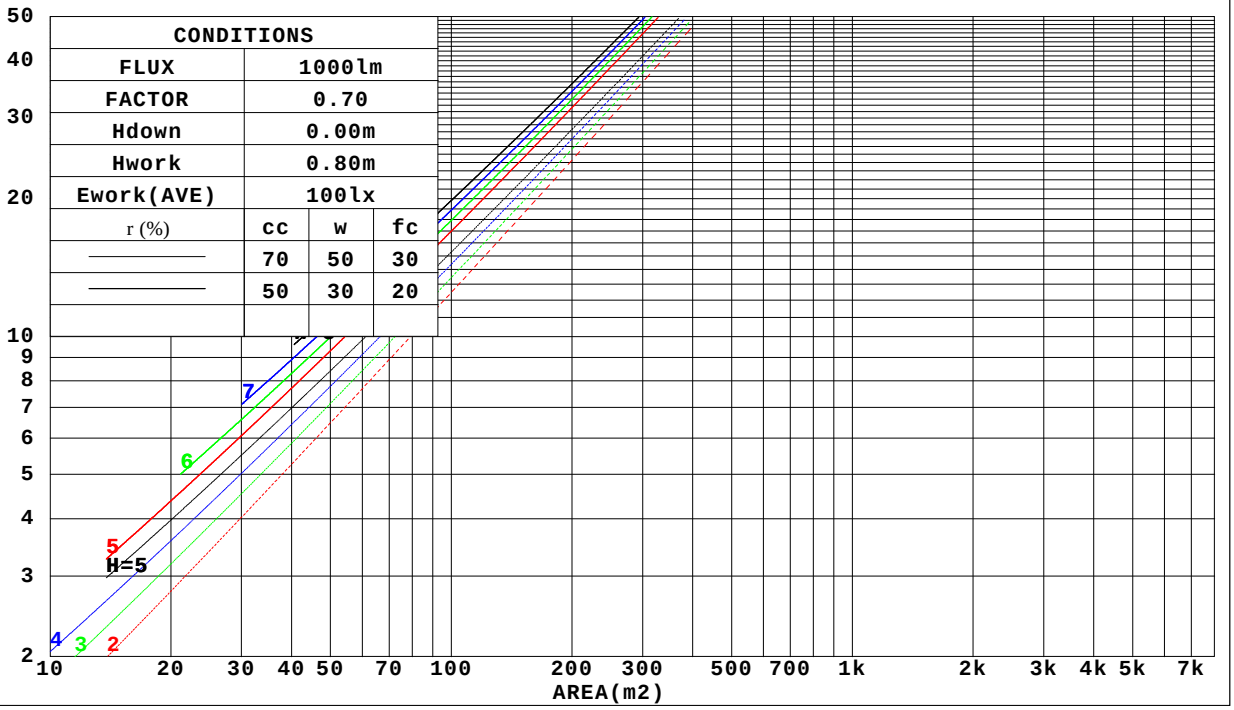
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	.99	.97	.00	.97	.95	.97	.94	.93	.94	.92	.91	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.88	.92	.89	.87	.90	.88	.86	.84
4.0	.93	.88	.85	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.84	.81	.80
5.0	.89	.83	.80	.88	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.77	.76
6.0	.84	.79	.75	.84	.79	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.72
7.0	.80	.75	.72	.80	.75	.71	.79	.74	.71	.78	.74	.71	.76	.73	.70	.69
8.0	.77	.72	.68	.76	.72	.68	.75	.71	.68	.74	.70	.68	.74	.70	.67	.66
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.72	.68	.65	.71	.67	.64	.63
10.0	.71	.66	.62	.70	.66	.62	.70	.65	.62	.69	.65	.62	.68	.65	.62	.61

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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WEC AND CCEC

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.167	.095	.030	.160	.091	.029	.148	.085	.027	.136	.078	.025	.125	.073	.023	
2.0	.156	.086	.026	.151	.083	.026	.140	.078	.024	.131	.073	.023	.122	.069	.022	
3.0	.147	.078	.023	.142	.076	.023	.133	.072	.022	.125	.069	.021	.117	.065	.020	
4.0	.138	.072	.021	.134	.070	.021	.127	.067	.020	.120	.064	.019	.113	.061	.019	
5.0	.131	.067	.019	.127	.065	.019	.121	.063	.018	.115	.060	.018	.109	.058	.017	
6.0	.124	.062	.018	.121	.061	.018	.115	.059	.017	.110	.057	.017	.105	.055	.016	
7.0	.118	.058	.017	.115	.057	.016	.110	.056	.016	.105	.054	.016	.101	.053	.015	
8.0	.112	.055	.015	.110	.054	.015	.106	.053	.015	.101	.051	.015	.098	.050	.015	
9.0	.107	.052	.015	.105	.051	.014	.101	.050	.014	.098	.049	.014	.094	.048	.014	
10.0	.103	.049	.014	.101	.049	.014	.098	.048	.013	.094	.047	.013	.091	.046	.013	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.092	.121	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.112	.077	.052	.096	.067	.045	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.105	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.099	.063	.038	.085	.054	.033	.059	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.056	.035	.020	.032	.021	.012	.011	.007	.004	
10.0	.089	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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UGR(Unified Glare Rating) Table

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	2.2	3.0	2.4	3.1	3.3	3.2	4.0	3.4	4.1	4.3
3H	3.0	3.8	3.3	4.0	4.2	3.9	4.7	4.2	4.9	5.1
4H	3.5	4.2	3.8	4.5	4.7	4.3	5.0	4.6	5.2	5.5
6H	4.0	4.7	4.3	4.9	5.2	4.7	5.4	5.0	5.6	5.9
8H	4.3	4.9	4.6	5.2	5.4	4.8	5.4	5.1	5.7	5.9
12H	4.5	5.2	4.9	5.4	5.7	4.7	5.4	5.1	5.7	5.9
4H 2H	2.4	3.1	2.7	3.3	3.6	3.3	4.0	3.6	4.2	4.4
3H	3.5	4.1	3.8	4.4	4.6	4.2	4.9	4.6	5.1	5.4
4H	4.1	4.6	4.4	4.9	5.2	4.8	5.4	5.1	5.7	6.0
6H	4.7	5.2	5.1	5.5	5.9	5.3	5.9	5.7	6.2	6.5
8H	5.0	5.5	5.4	5.9	6.2	5.5	6.0	5.9	6.3	6.7
12H	5.4	5.9	5.8	6.2	6.6	5.5	5.9	5.9	6.3	6.7
8H 4H	4.3	4.8	4.7	5.1	5.5	5.0	5.4	5.3	5.8	6.1
6H	5.1	5.5	5.5	5.9	6.3	5.7	6.1	6.1	6.5	6.9
8H	5.6	5.9	6.0	6.3	6.8	5.9	6.2	6.3	6.6	7.1
12H	6.1	6.4	6.6	6.9	7.3	5.8	6.1	6.3	6.6	7.1
12H 4H	4.3	4.7	4.7	5.1	5.5	5.0	5.4	5.4	5.8	6.2
6H	5.2	5.5	5.6	6.0	6.4	5.7	6.1	6.2	6.5	6.9
8H	5.7	6.0	6.2	6.5	6.9	6.0	6.3	6.4	6.7	7.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.5					+ 1.3 / - 0.9				
1.5H	+ 1.4 / - 0.5					+ 2.7 / - 0.9				
2.0H	+ 0.4 / - 0.5					+ 1.1 / - 0.5				

CIE Pub.117, 536.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.2)
Area: 0.1 m2

H(b) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(b) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:7.400m [K=1.0000]
Test Date:2026-09-05	Remarks:

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UTILIZATION FACTORS TABLE

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

H(b) Range:-90 - 90DEG
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V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
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SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
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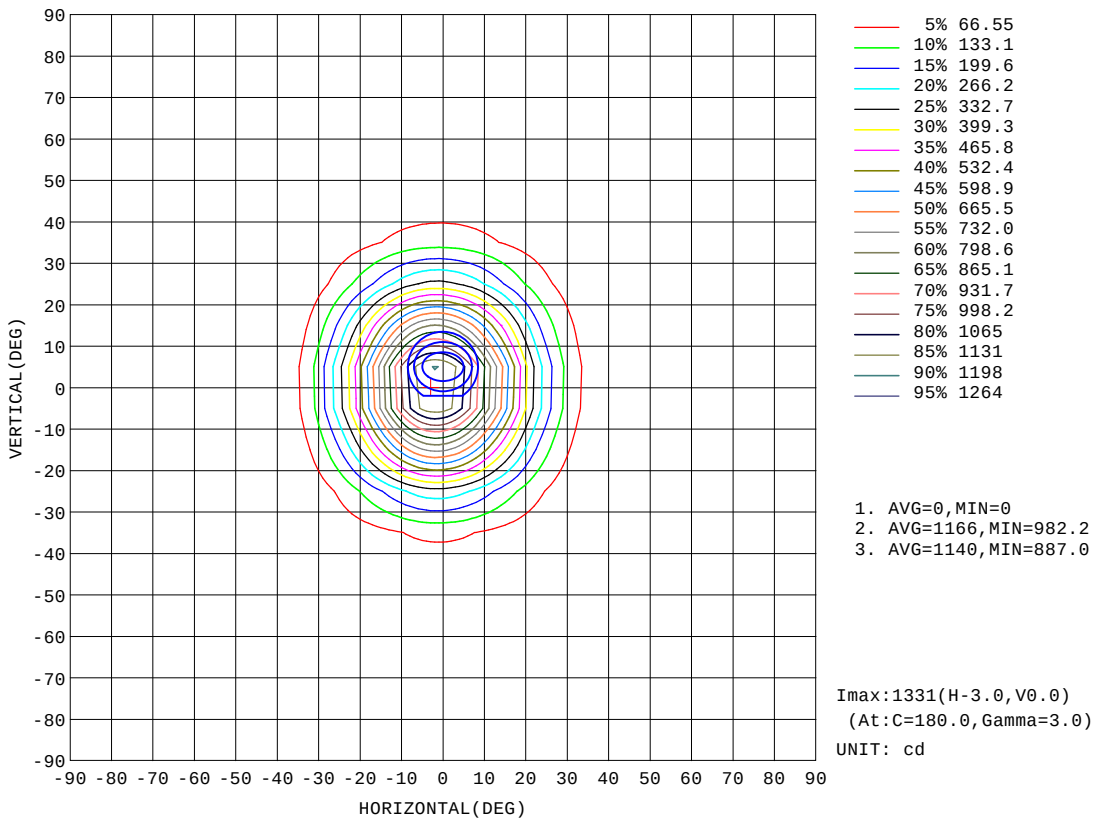

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Test Speed: HIGH
Temperature:25.3DEG
Operators:
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Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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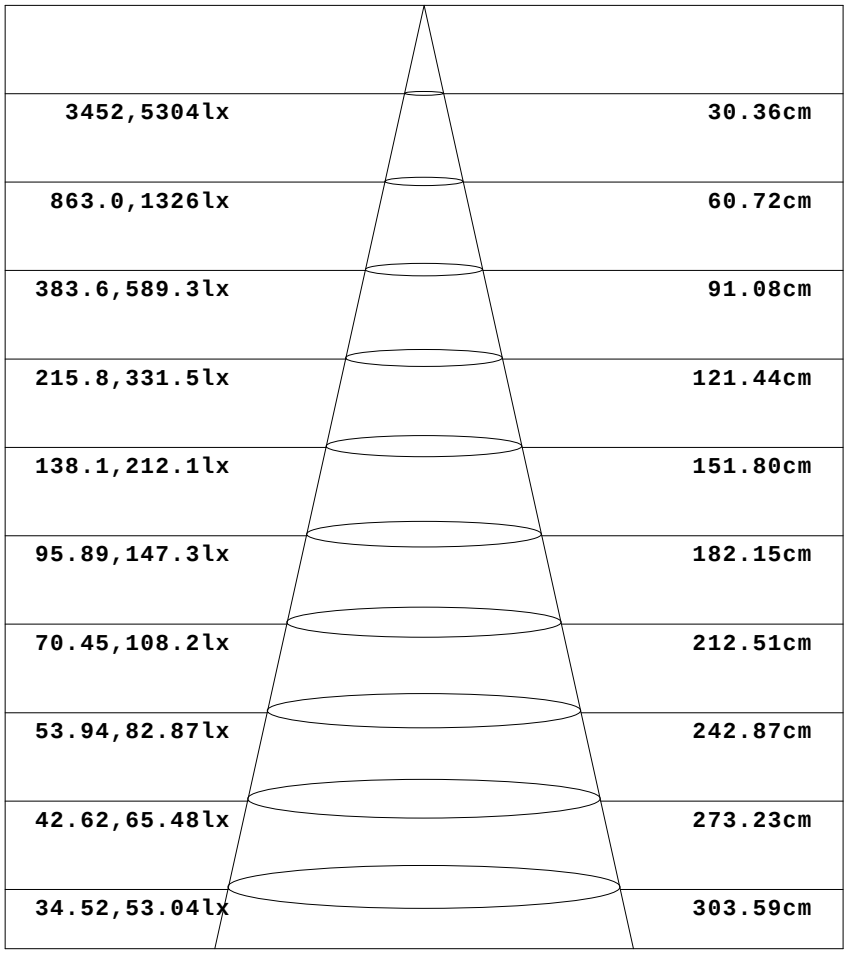
AAI Figure

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Flux out:253.4 lm



Height	Eavg,Emax	Angle:33.78deg	Diameter
0.5m	3452,5304lx		30.36cm
1m	863.0,1326lx		60.72cm
1.5m	383.6,589.3lx		91.08cm
2m	215.8,331.5lx		121.44cm
2.5m	138.1,212.1lx		151.80cm
3m	95.89,147.3lx		182.15cm
3.5m	70.45,108.2lx		212.51cm
4m	53.94,82.87lx		242.87cm
4.5m	42.62,65.48lx		273.23cm
5m	34.52,53.04lx		303.59cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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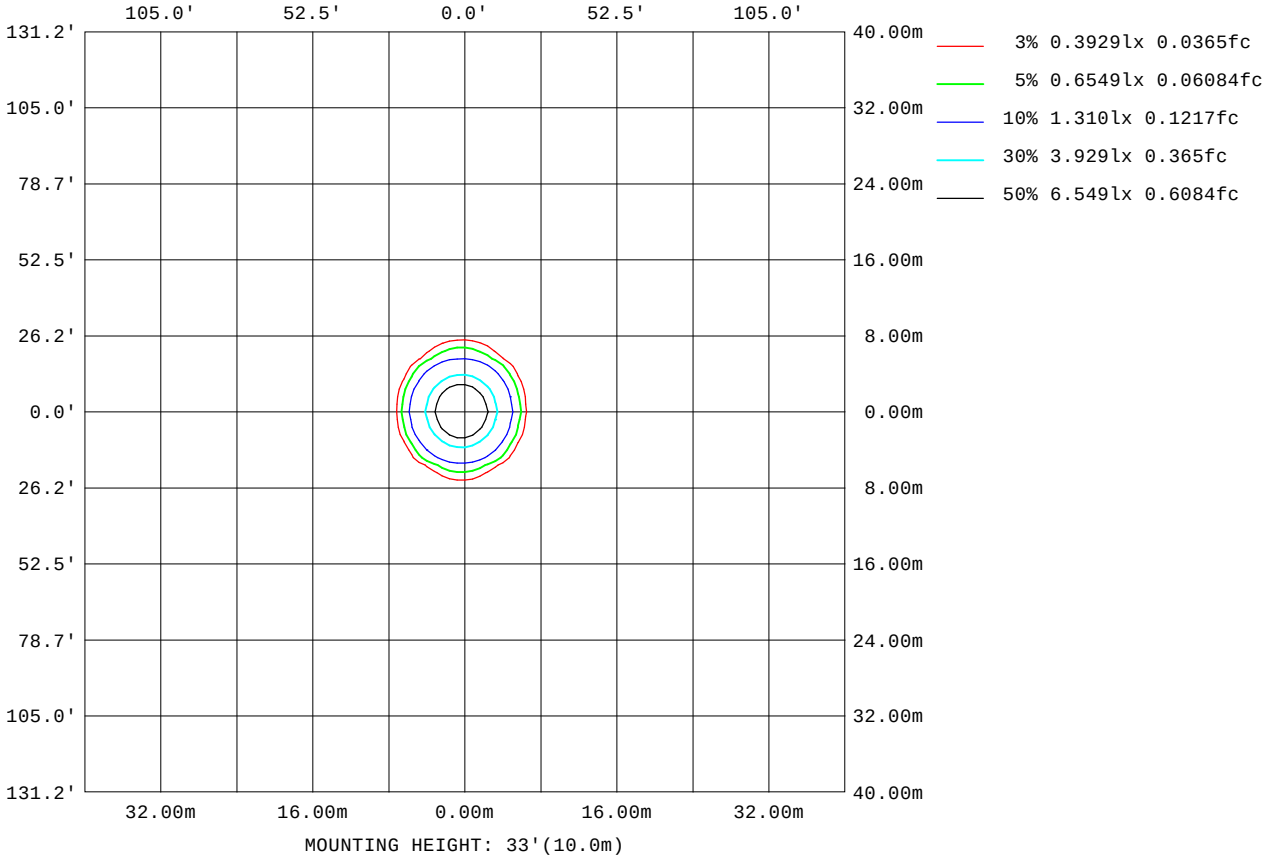
ISOLUX DIAGRAM

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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LED Avg.L Report

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

AvgL	cd/m2
L_0~180(65)av	162
L_0~180(75)av	155
L_0~180(85)av	246
L_90~270(65)av	155
L_90~270(75)av	154
L_90~270(85)av	0
L_45(65)av	141
L_45(75)av	142
L_45(85)av	109

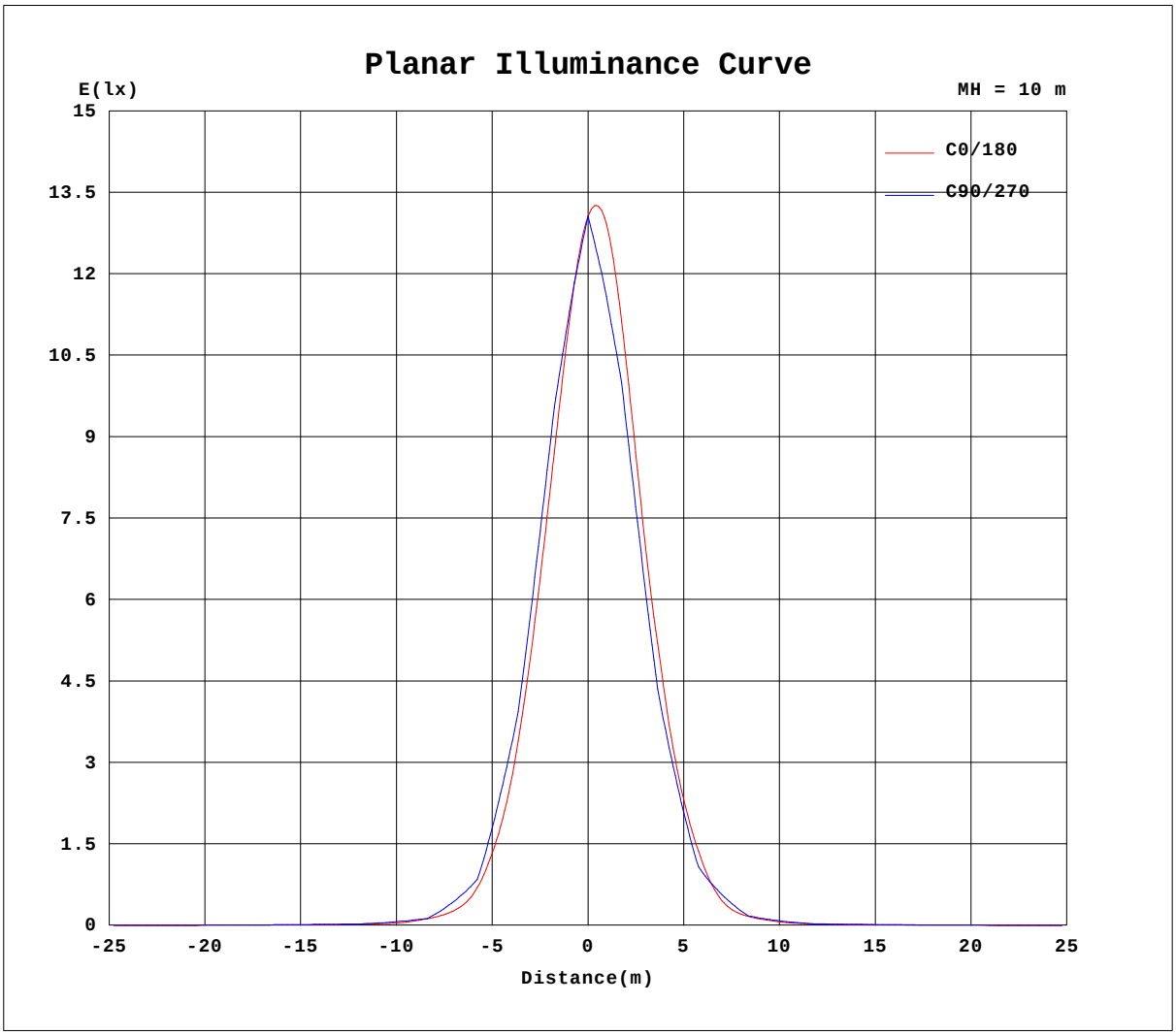
Standard: GB/T 29293-2012

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

PDF 檔案使用 "pdfFactory Pro" 試用版本建立 www.pdffactory.com

Planar Illuminance Curve



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Table--1 UNIT: cd

C(DEG) / g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306
5	1153	1145	1139	1134	1130	1128	1127	1128	1129	1131	1133	1137	1140	1144	1147	1151	1156	1159	1164
10	910	901	896	894	896	900	907	904	904	907	911	918	928	938	949	962	974	986	998
15	649	644	644	650	656	647	643	643	646	654	664	675	687	699	709	719	728	736	744
20	410	410	417	423	412	406	407	418	430	443	448	447	448	450	452	455	459	466	475
25	227	231	241	234	228	229	239	254	251	248	242	248	259	270	280	288	295	301	306
30	107	112	117	108	108	118	122	114	111	125	136	142	139	136	132	128	127	128	131
35	49.6	51.9	51.1	47.8	51.6	53.4	49.3	50.7	57.5	61.4	59.1	49.8	52.4	58.1	64.2	69.9	74.9	78.5	80.6
40	27.7	29.0	27.0	26.6	27.3	25.2	25.9	27.1	26.0	25.1	27.2	28.9	30.0	31.1	31.8	31.5	30.5	29.3	28.8
45	12.4	13.8	11.8	13.3	11.8	12.6	13.4	10.3	12.6	15.1	14.4	12.0	12.0	14.7	17.0	18.5	19.3	19.6	19.7
50	10.3	10.3	9.95	9.65	9.33	9.04	8.81	8.82	8.92	8.86	9.04	9.24	9.90	10.9	11.3	11.3	10.9	10.6	10.6
55	9.15	9.06	8.78	8.30	8.09	7.74	7.70	7.56	7.67	7.86	7.96	8.13	8.32	8.54	8.70	8.90	9.04	9.17	9.27
60	7.83	7.68	7.41	7.06	6.62	6.53	6.35	6.48	6.50	6.61	6.80	7.01	7.15	7.30	7.42	7.56	7.69	7.81	7.93
65	6.43	6.23	5.88	5.47	5.32	5.14	5.19	5.20	5.38	5.49	5.59	5.72	5.84	5.97	6.07	6.16	6.23	6.31	6.39
70	5.02	4.90	4.56	4.21	4.05	3.97	4.09	4.16	4.20	4.33	4.47	4.52	4.55	4.60	4.63	4.67	4.72	4.76	4.82
75	3.78	3.56	3.24	3.14	3.07	3.12	3.15	3.26	3.29	3.29	3.32	3.36	3.41	3.46	3.51	3.55	3.60	3.62	3.67
80	2.81	2.55	2.38	2.36	2.37	2.38	2.39	2.42	2.45	2.47	2.48	2.46	2.45	2.45	2.44	2.45	2.46	2.49	2.50
85	1.92	1.75	1.72	1.72	1.73	1.71	1.66	1.30	1.04	0.81	0.63	0.47	0.34	0.23	0.15	0.08	0.04	0.01	0.00
90	1.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Table--2 UNIT: cd

C(DEG) / g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306
5	1168	1172	1177	1181	1187	1192	1198	1205	1212	1221	1230	1240	1250	1262	1275	1289	1303	1318	1306
10	1008	1017	1025	1031	1036	1039	1040	1040	1039	1037	1036	1035	1048	1063	1083	1106	1133	1164	1138
15	751	758	765	774	782	791	801	813	826	834	818	804	792	783	799	825	857	895	862
20	485	495	506	514	521	525	527	528	534	547	562	579	566	548	537	555	587	625	592
25	310	313	315	317	320	322	324	327	328	326	322	338	356	357	338	329	353	384	357
30	136	143	149	155	161	165	169	176	180	180	174	169	178	197	192	172	184	210	187
35	81.2	80.5	78.4	75.1	70.8	66.3	63.9	74.2	76.9	75.4	74.1	71.2	69.6	73.0	80.0	69.0	69.4	82.7	70.9
40	29.7	31.7	33.8	35.1	34.9	33.7	32.6	32.6	32.2	32.4	30.4	31.2	32.4	30.4	33.1	33.8	32.1	37.1	33.1
45	19.7	19.4	19.0	18.3	16.9	14.9	14.1	15.8	16.4	16.0	14.0	14.3	15.4	15.2	15.2	18.0	15.6	19.4	16.2
50	10.8	11.3	11.7	12.0	11.7	10.8	9.96	9.71	9.64	9.69	9.31	9.50	9.67	10.1	10.5	11.1	11.3	11.8	11.4
55	9.31	9.31	9.32	9.26	9.17	9.09	8.95	8.65	8.35	8.23	8.17	8.07	8.34	8.56	9.20	9.51	9.95	10.4	10.1
60	7.98	7.99	8.02	7.94	7.86	7.72	7.57	7.46	7.36	7.10	6.83	6.83	6.80	7.16	7.42	7.93	8.51	8.84	8.61
65	6.41	6.43	6.46	6.46	6.47	6.41	6.42	6.27	6.06	5.90	5.80	5.59	5.53	5.58	5.99	6.50	6.98	7.23	7.12
70	4.86	4.90	4.94	4.95	4.97	4.97	4.96	4.92	4.88	4.86	4.65	4.47	4.43	4.32	4.41	4.73	5.23	5.66	5.33
75	3.69	3.70	3.76	3.72	3.72	3.73	3.72	3.72	3.70	3.66	3.59	3.57	3.51	3.43	3.36	3.55	3.91	4.23	4.00
80	2.52	2.55	2.58	2.60	2.62	2.65	2.66	2.67	2.69	2.69	2.72	2.75	2.70	2.70	2.61	2.61	2.80	3.20	2.85
85	0.01	0.04	0.09	0.16	0.25	0.37	0.50	0.67	0.88	1.14	1.47	1.90	1.92	1.96	2.03	2.04	1.96	2.37	1.96
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	0.00

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Table--3 UNIT: cd

C(DEG) / g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306
5	1294	1282	1272	1262	1253	1246	1238	1232	1226	1221	1215	1211	1207	1202	1198	1193	1189	1184	1179
10	1115	1096	1081	1069	1061	1066	1071	1077	1081	1085	1087	1085	1082	1076	1068	1058	1046	1032	1018
15	835	814	804	819	837	858	880	875	863	852	842	834	826	818	810	802	794	785	775
20	565	552	570	594	614	598	584	573	570	572	573	570	564	556	545	535	525	516	509
25	336	349	375	379	363	349	355	360	364	364	363	362	360	358	355	352	348	343	337
30	179	202	210	193	189	199	208	205	200	196	196	194	190	184	178	171	166	162	162
35	72.9	87.4	80.7	78.9	85.2	90.6	91.8	92.9	91.2	83.8	88.7	94.5	98.8	102	103	104	103	101	98.1
40	35.9	36.1	34.1	37.3	36.7	36.5	39.4	39.2	40.6	42.6	45.4	47.2	46.9	44.9	42.2	40.1	39.3	39.9	41.5
45	19.7	16.8	18.2	18.2	16.9	18.2	19.5	18.9	19.1	19.6	20.9	22.6	23.5	23.9	24.2	24.5	24.7	24.8	24.6
50	11.3	10.8	10.4	10.1	9.76	9.78	10.5	9.52	9.91	11.3	12.8	13.4	13.0	12.1	11.2	10.5	10.1	10.4	11.1
55	9.74	9.53	8.93	8.72	8.40	8.43	8.38	8.40	8.56	8.81	8.84	8.91	8.99	9.04	9.07	9.11	9.10	9.08	9.03
60	8.17	7.74	7.53	7.15	7.14	7.03	7.21	7.37	7.44	7.52	7.64	7.77	7.89	7.97	8.02	8.05	8.04	8.01	7.96
65	6.72	6.26	5.85	5.79	5.78	5.93	5.96	6.12	6.33	6.44	6.50	6.57	6.62	6.67	6.71	6.73	6.73	6.73	6.70
70	4.91	4.60	4.50	4.55	4.60	4.74	4.92	5.00	5.08	5.15	5.22	5.30	5.35	5.40	5.42	5.43	5.41	5.42	5.37
75	3.65	3.44	3.50	3.57	3.68	3.73	3.85	3.93	4.00	4.07	4.12	4.17	4.22	4.24	4.26	4.28	4.28	4.28	4.26
80	2.61	2.65	2.76	2.84	2.94	2.98	3.00	3.06	3.09	3.12	3.14	3.15	3.15	3.15	3.14	3.15	3.14	3.14	3.14
85	2.06	2.17	2.19	2.22	2.23	1.76	1.37	1.07	0.82	0.62	0.44	0.30	0.19	0.11	0.05	0.01	0.00	0.01	0.05
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:150.13V I:0.0795A P:6.4787W PF:0.5427 Freq:50.00Hz Lamp Flux:536.779x1 lm		
NAME: 6789	TYPE:6W-4000K	WEIGHT:
SPEC.:	DIM.: 60*55*112mm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:35°

Table--4 UNIT: cd

C(DEG) / g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306	1306				
5	1174	1169	1165	1159	1155	1150	1146	1142	1140	1138	1137	1137	1139	1142	1147				
10	1003	988	975	962	950	941	934	929	926	926	917	909	904	903	905				
15	765	753	741	728	715	702	690	679	673	670	670	675	665	654	649				
20	503	498	494	490	487	484	479	463	447	433	428	429	435	425	414				
25	330	321	309	296	279	269	272	275	276	258	243	238	242	246	234				
30	163	164	166	166	165	157	147	133	133	137	132	119	117	122	115				
35	93.2	86.7	78.9	70.6	65.3	73.9	76.6	72.2	63.3	59.7	62.2	58.6	52.9	54.5	53.6				
40	43.2	44.4	44.0	42.2	39.6	36.3	33.8	34.9	35.4	32.8	30.8	32.0	30.0	29.2	30.1				
45	24.2	23.4	21.8	19.0	16.7	17.8	19.2	17.7	13.5	15.9	15.4	13.5	14.8	12.6	14.3				
50	12.1	13.0	13.5	12.9	10.8	9.40	9.28	10.3	9.39	9.34	9.59	9.78	10.0	10.2	10.4				
55	8.99	8.88	8.80	8.69	8.56	8.44	8.37	8.23	8.13	8.28	8.27	8.57	8.73	9.07	9.20				
60	7.90	7.80	7.72	7.63	7.52	7.37	7.19	7.09	7.07	6.91	7.05	7.06	7.46	7.70	7.80				
65	6.67	6.61	6.52	6.44	6.31	6.20	6.10	5.95	5.73	5.70	5.63	5.75	5.80	6.11	6.35				
70	5.36	5.30	5.25	5.19	5.13	5.07	4.93	4.74	4.63	4.53	4.31	4.36	4.51	4.76	5.02				
75	4.24	4.20	4.14	4.06	3.98	3.91	3.82	3.78	3.70	3.53	3.43	3.30	3.29	3.38	3.64				
80	3.14	3.11	3.11	3.09	3.07	3.04	3.00	2.95	2.85	2.77	2.70	2.59	2.51	2.45	2.64				
85	0.11	0.19	0.30	0.43	0.60	0.79	1.02	1.30	1.65	2.08	2.08	2.04	1.94	1.84	1.75				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-09-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

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